

Abstract

The pressure pickup 1 of the invention includes a pressure measuring cell 18 and a platform 10 through which a pressure canal 11 equipped with a flame penetration barrier extends. The pressure measuring cell 18 is loadable with the process pressure through the pressure canal by means of a transmitting medium. The pressure canal includes a first section 13 and a second section 12, with the flame penetration barrier being arranged in the first section 13, and the second section 12 has a bore, in which a fill-body 16 is arranged. The gap between the bore and the fill-body is manufactured with greater tolerances, so that it does not fulfill the requirements for a flame penetration barrier. The flame penetration barrier is realized in the first section 13, for example, by providing in the first section a bore, in which a fill-pin 14 is arranged, with the remaining gap between the bore and the fill-pin satisfying the requirements for a flame penetration barrier.

(Fig. 1)